

Figure 1

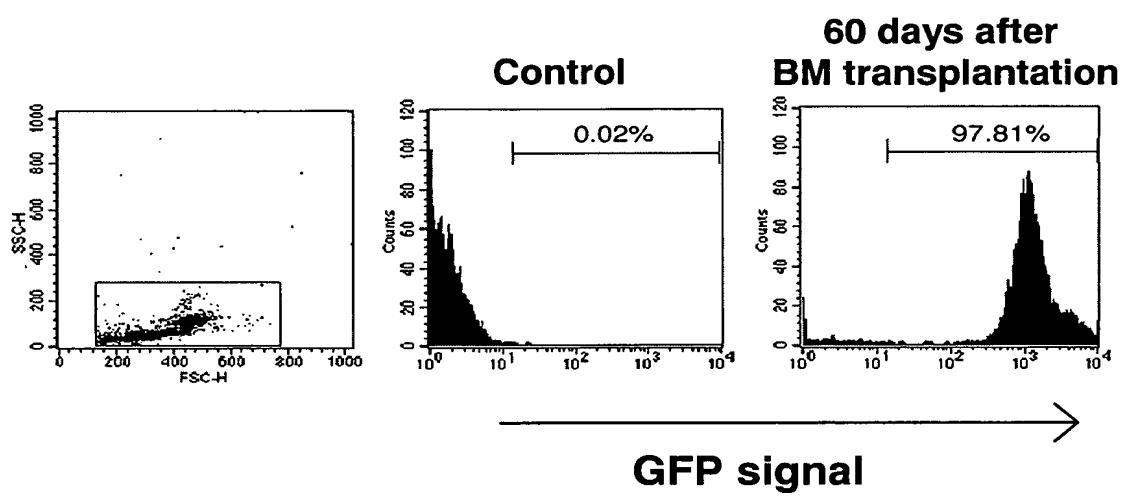
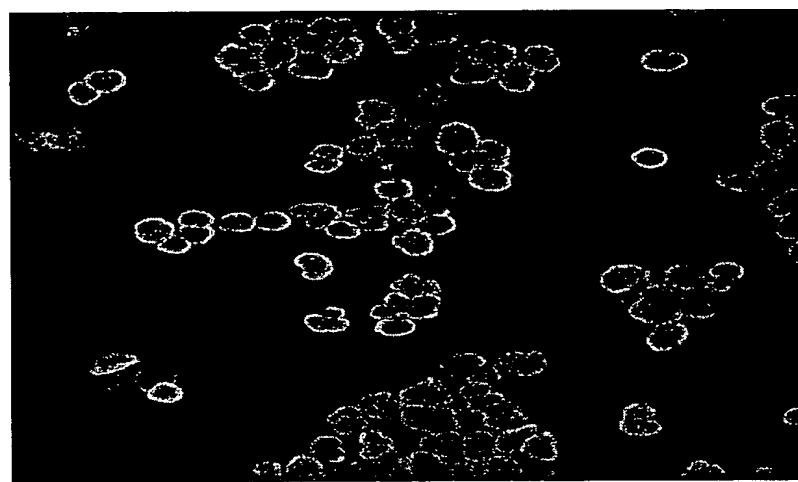


Figure 2



Green: GFP
Blue: DAPI

Figure 3

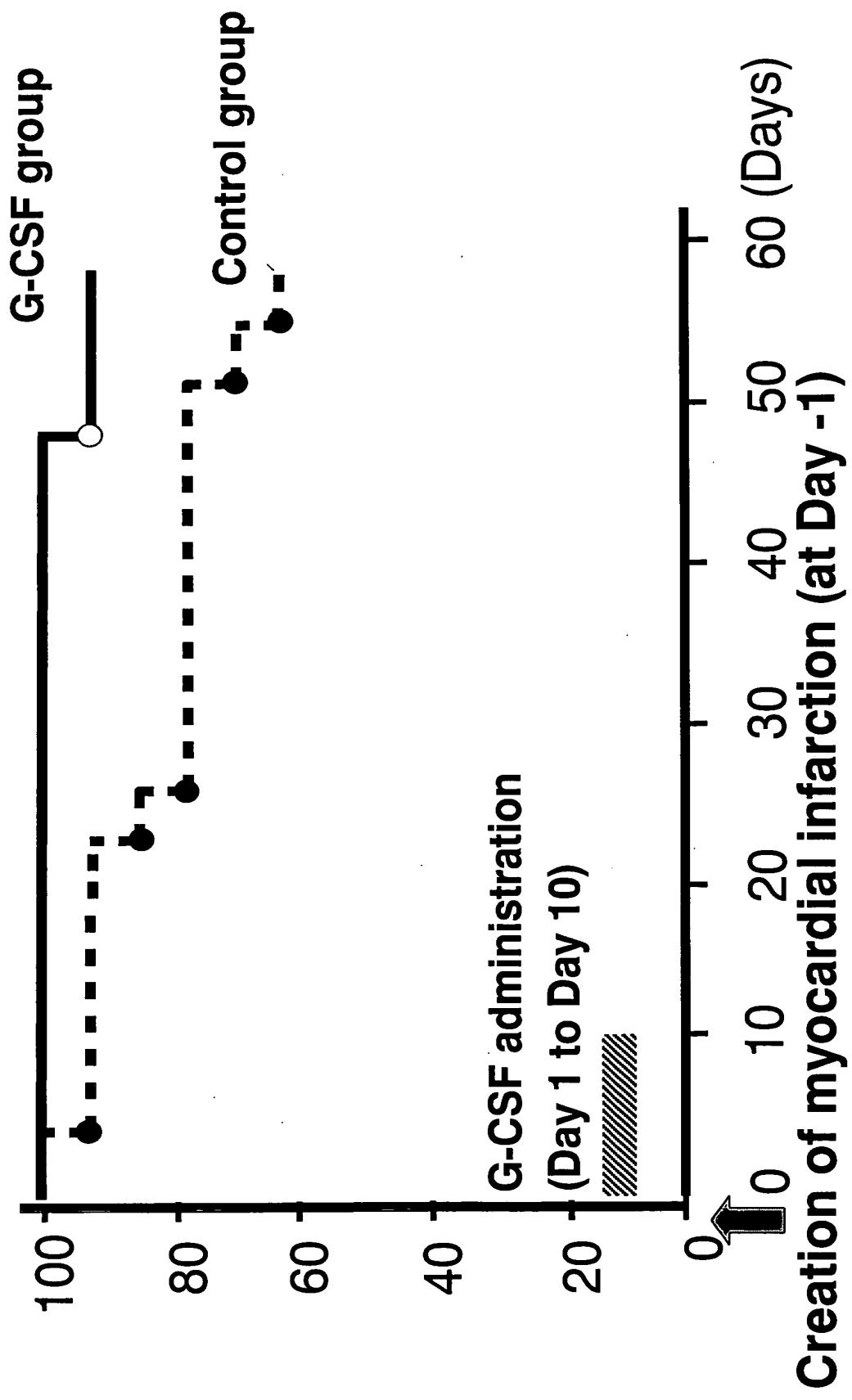


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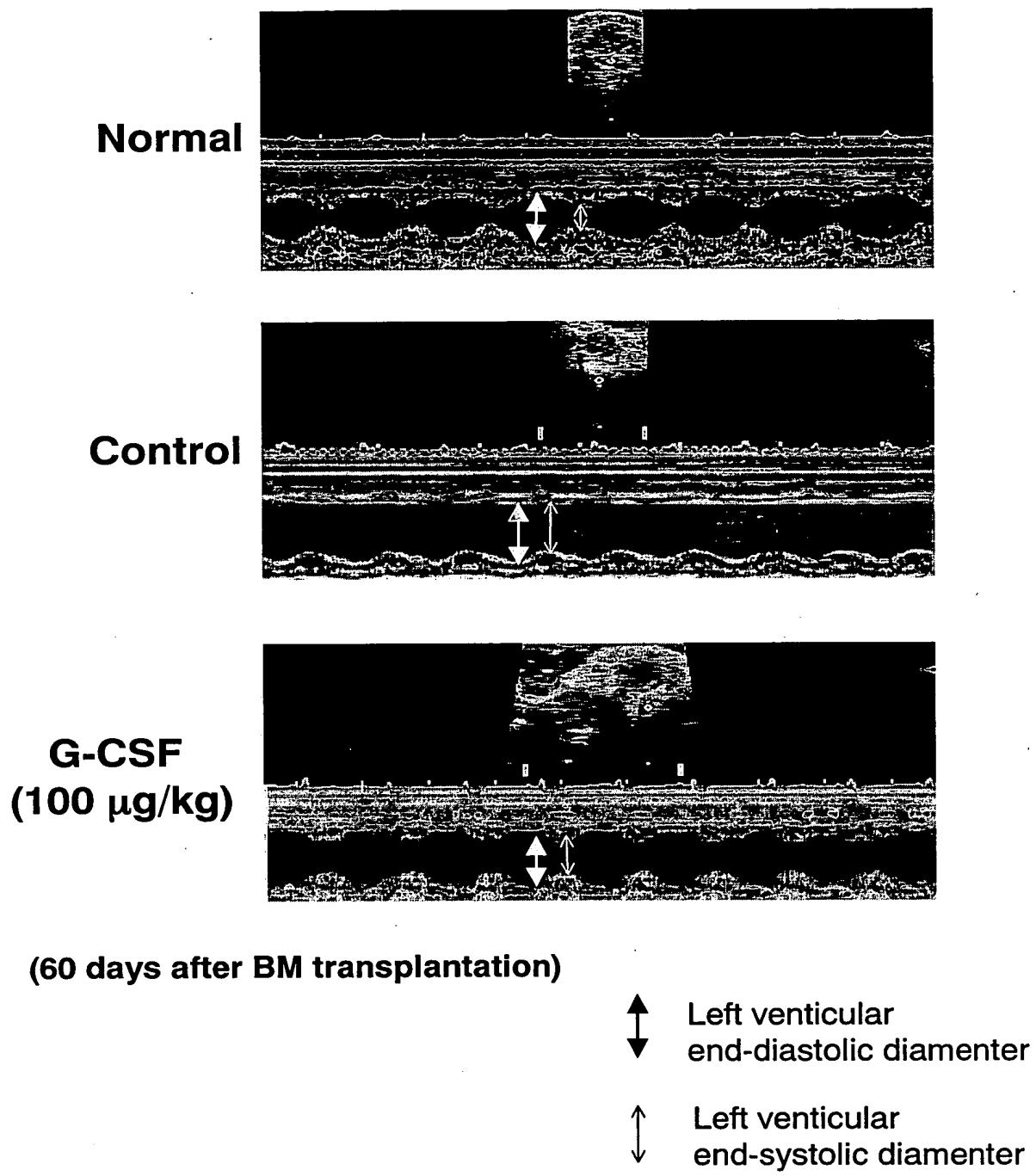


Figure 5

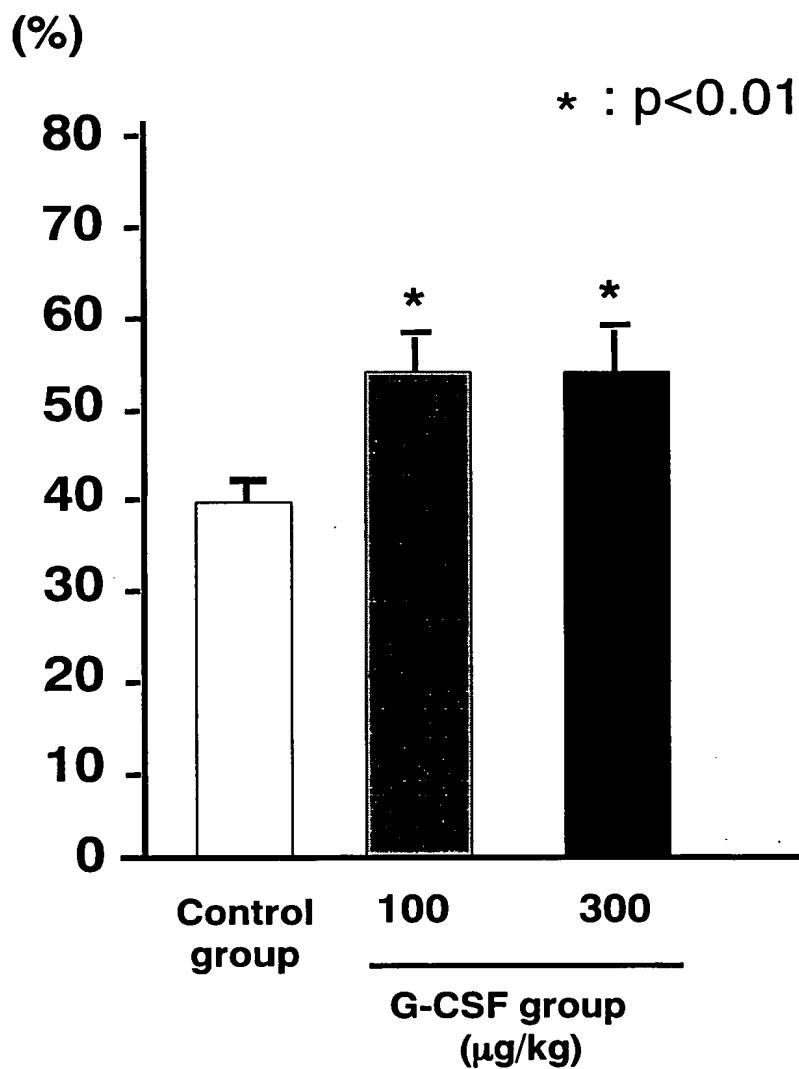


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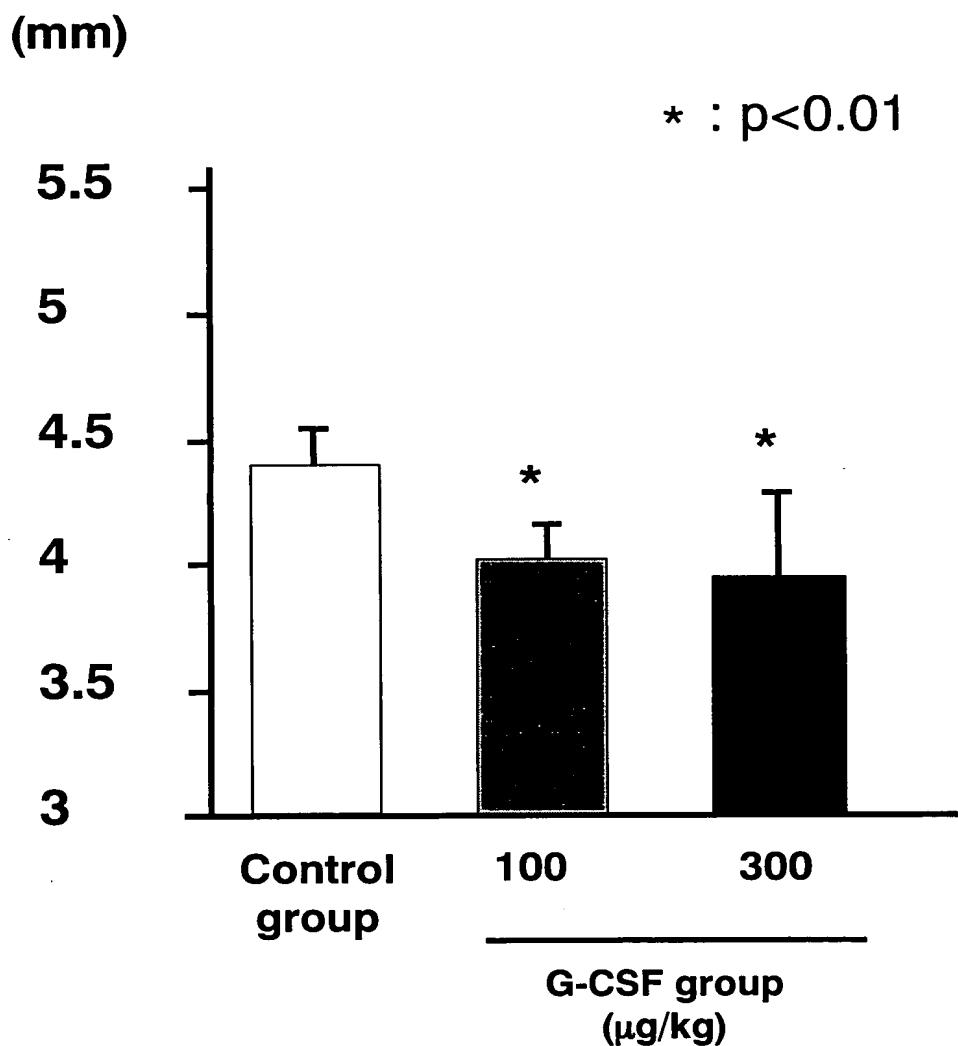


Figure 7(a)

Azan staining

Control group



G-CSF group

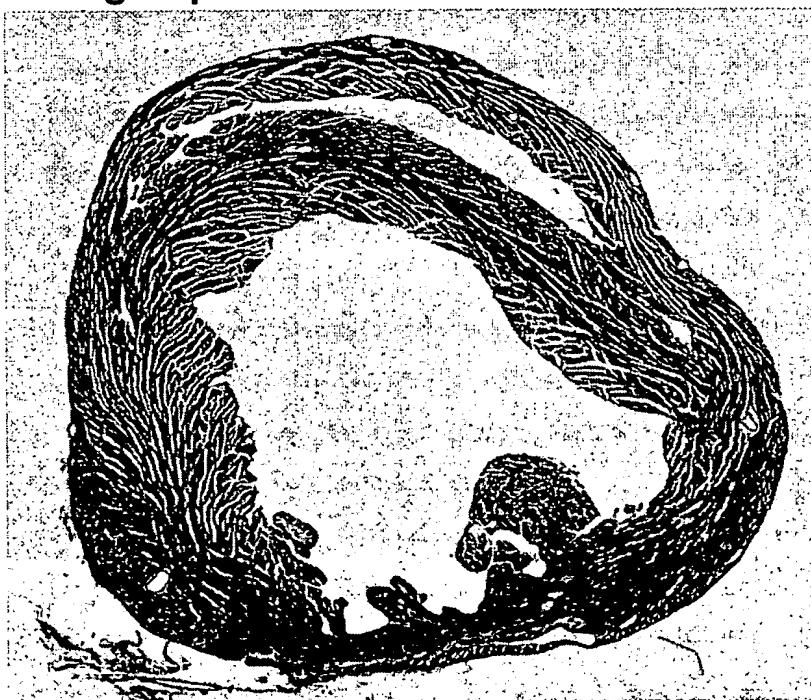
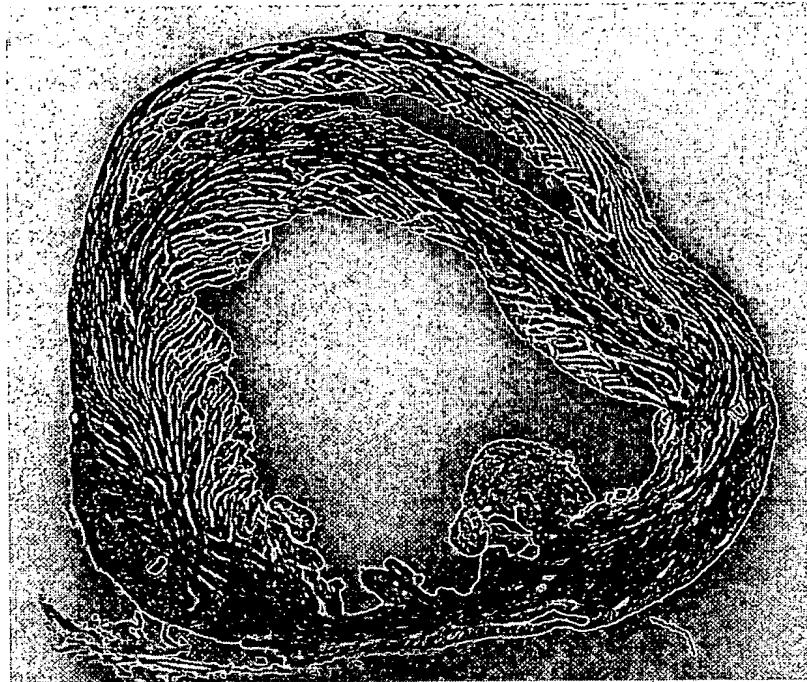
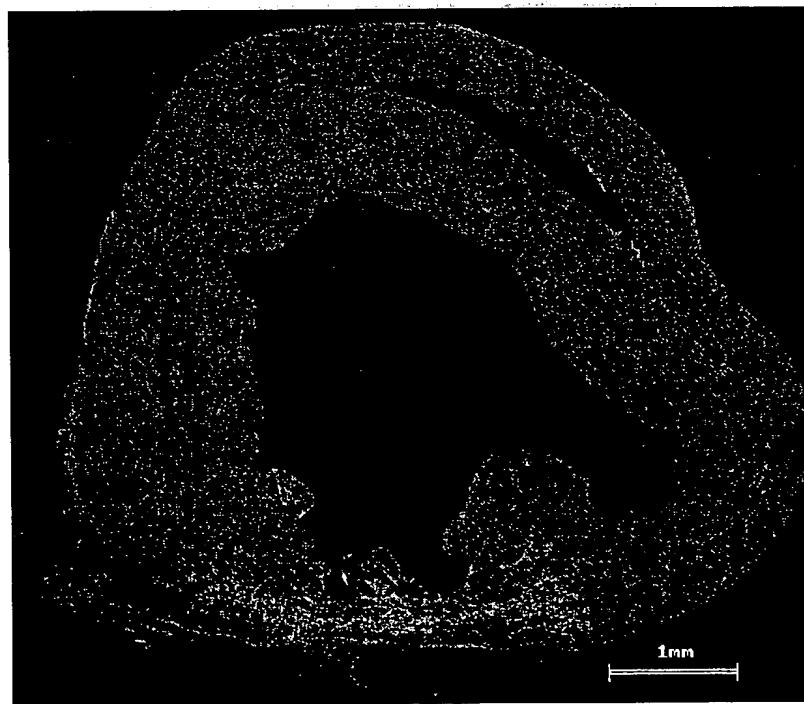


Figure 7(b)

Azan staining



Confocal laser scanning microscope



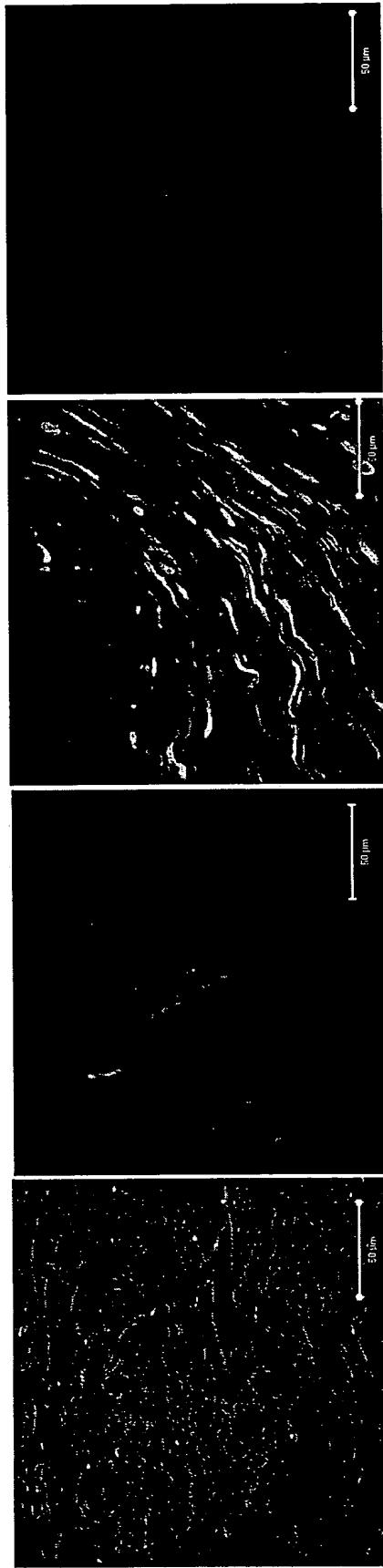
60 days after myocardial infarction

Figure 8

(a) Non-infarcted site
(b) Myocardial infarct site
(c)
(d)

Control group

G-CSF group



GFP-Tg mouse-derived BM-transplanted group

LacZ-Tg mouse-derived BM-transplanted group

Green: GFP
Red: Anti- α -actinin antibody
Blue: DAPI

60 days after myocardial infarction

Figure 9

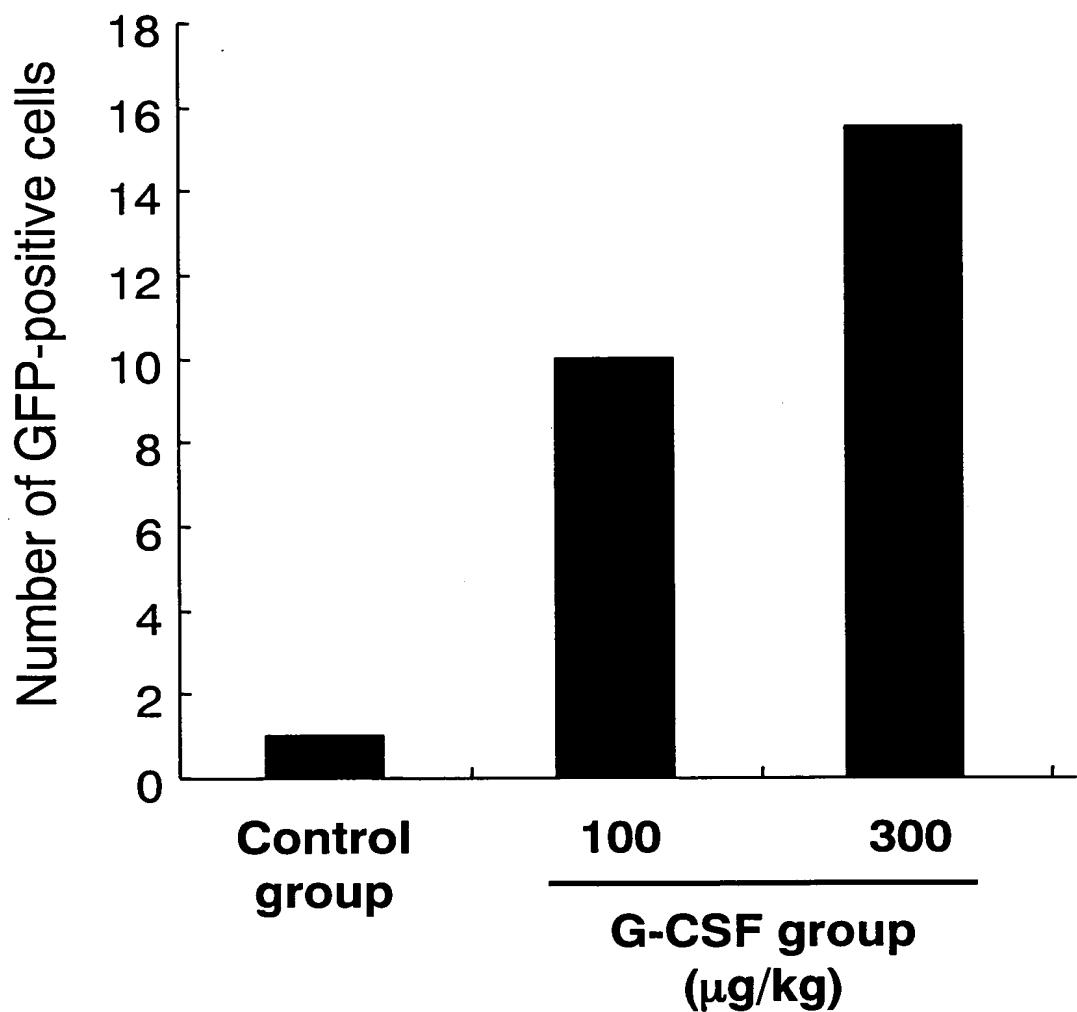
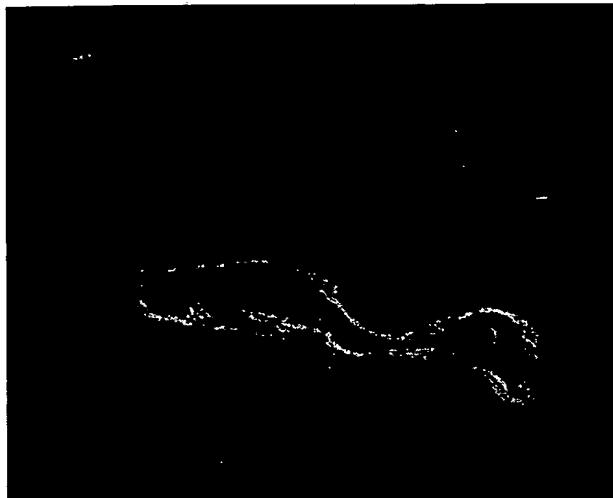
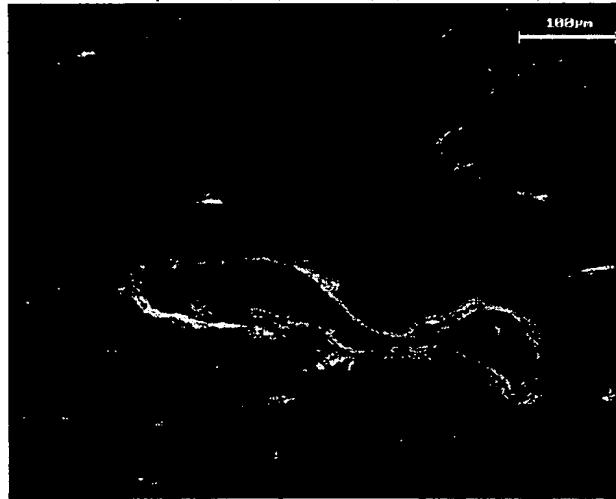
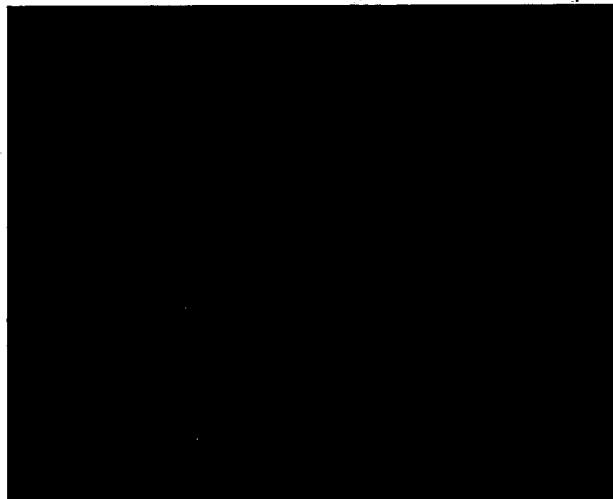
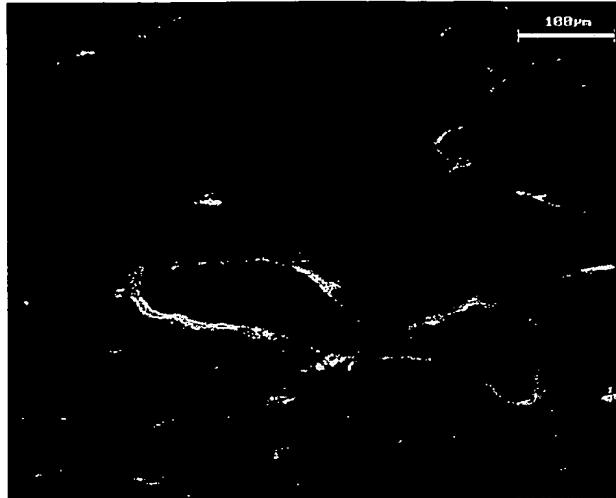


Figure 10

**Anti- α -smooth muscle
actin antibody**



GFP



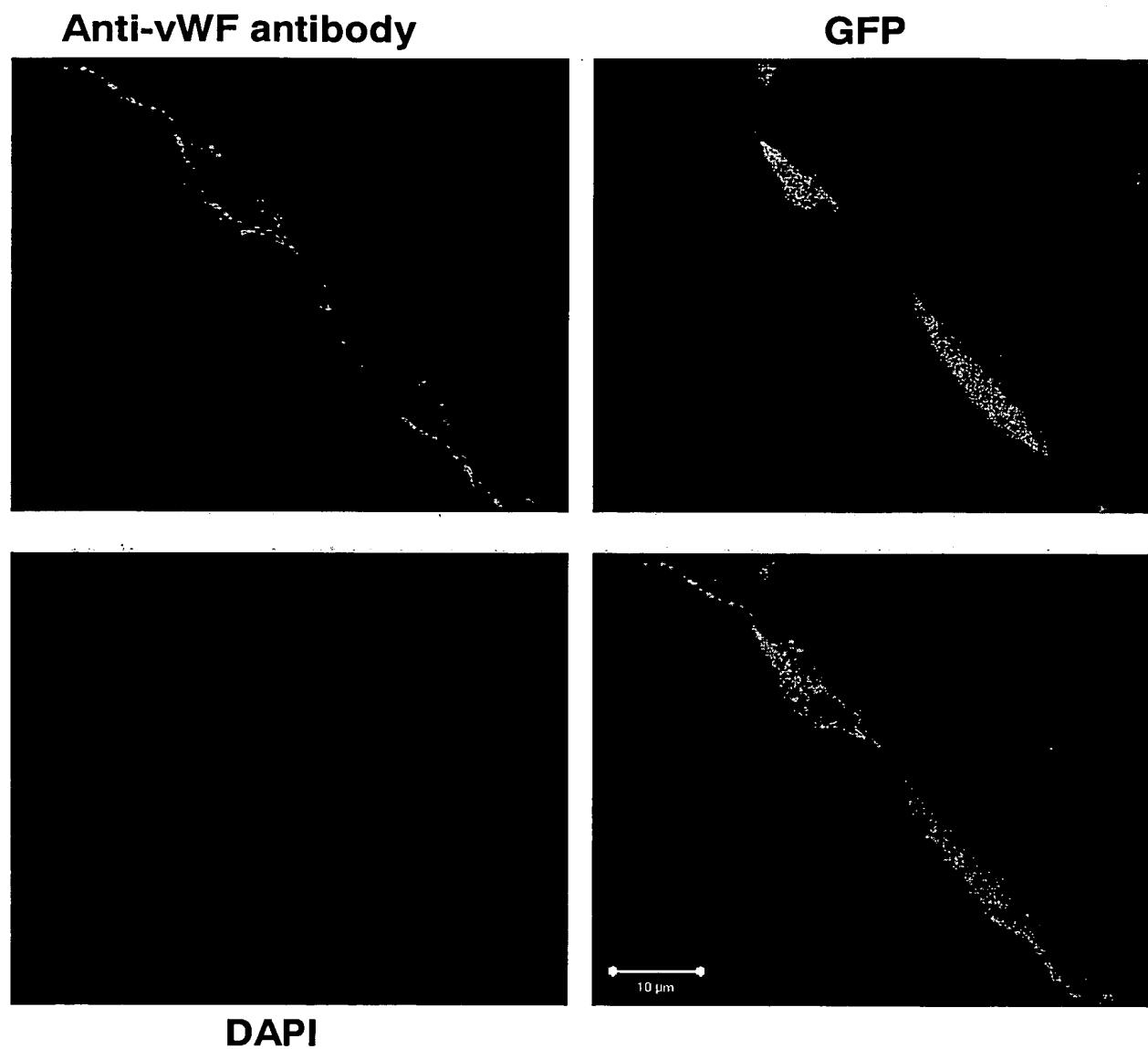
DAPI

Green: GFP

Red: Anti- α -smooth muscle actin antibody

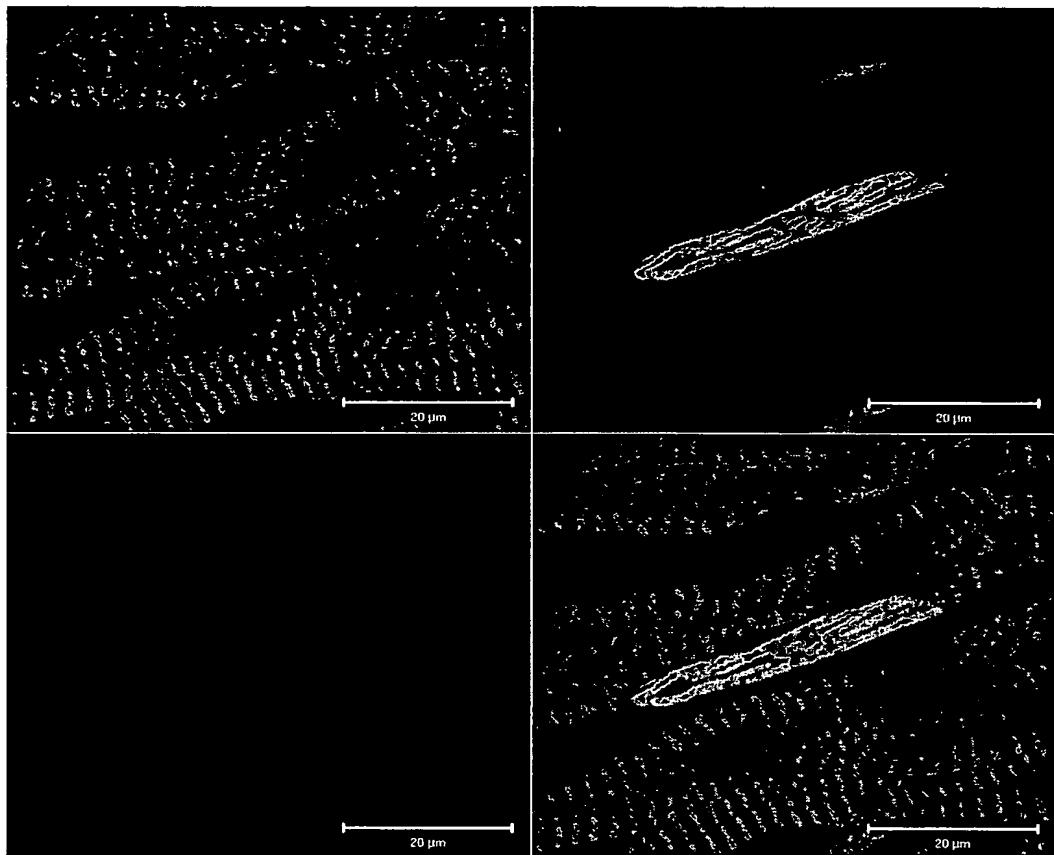
Blue: DAPI

Figure 11



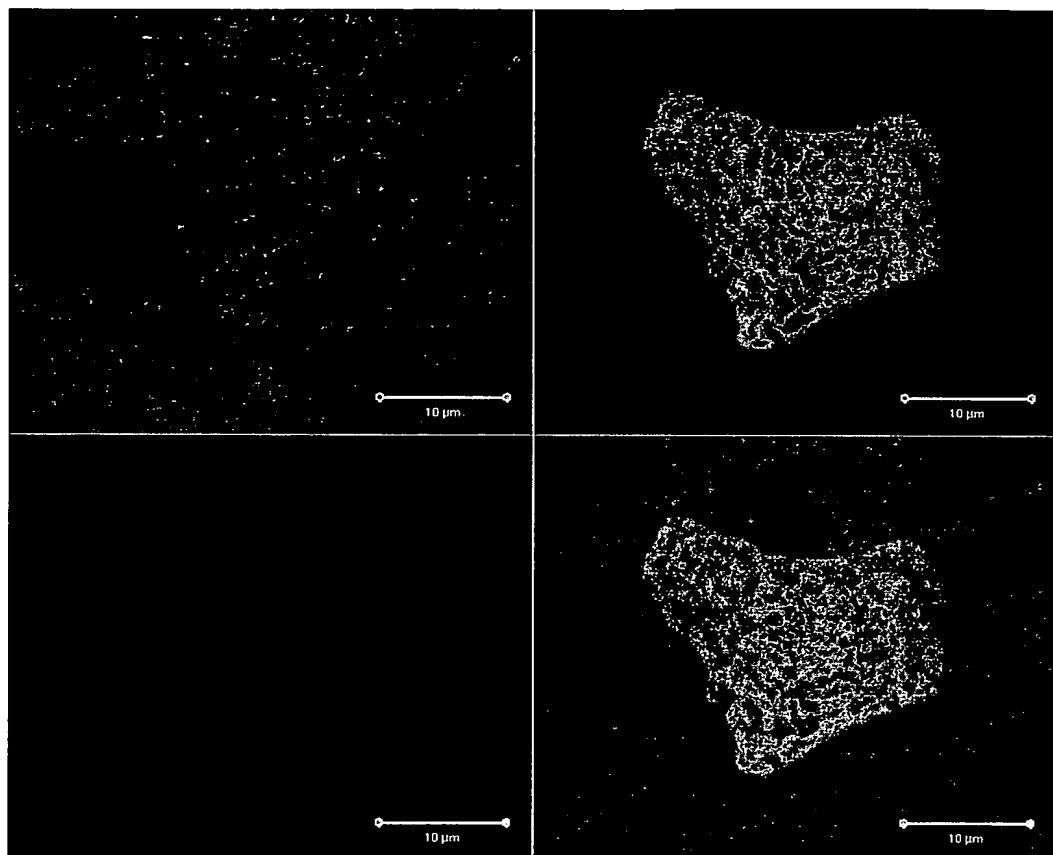
Green: GFP
Red: Anti-vWF antibody
Blue: DAPI

Figure 12



Green: GFP
Red: Anti-myocardial actinin antibody
Blue: DAPI

Figure 13



Green: GFP
Red: Anti-myocardial actinin antibody
Blue: DAPI

Figure 14

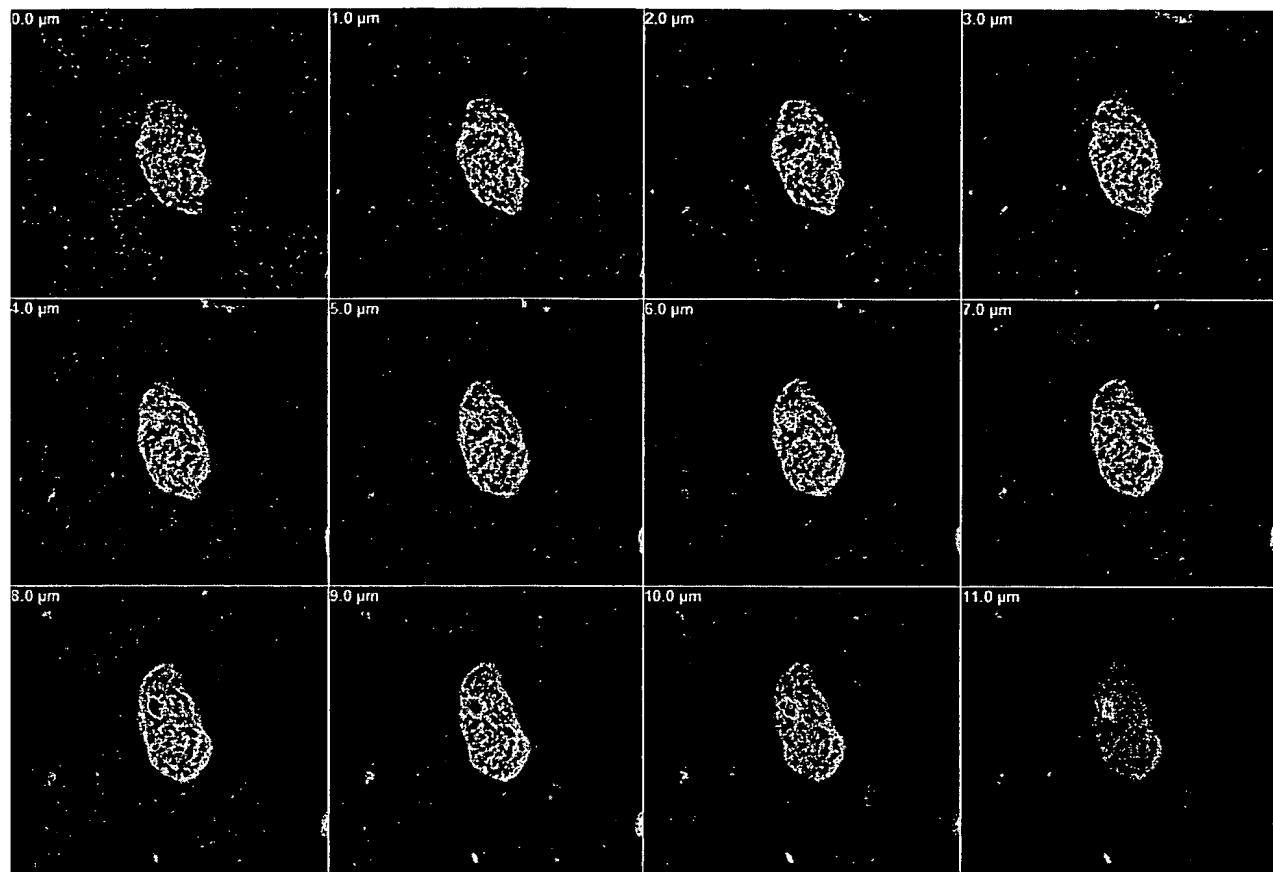
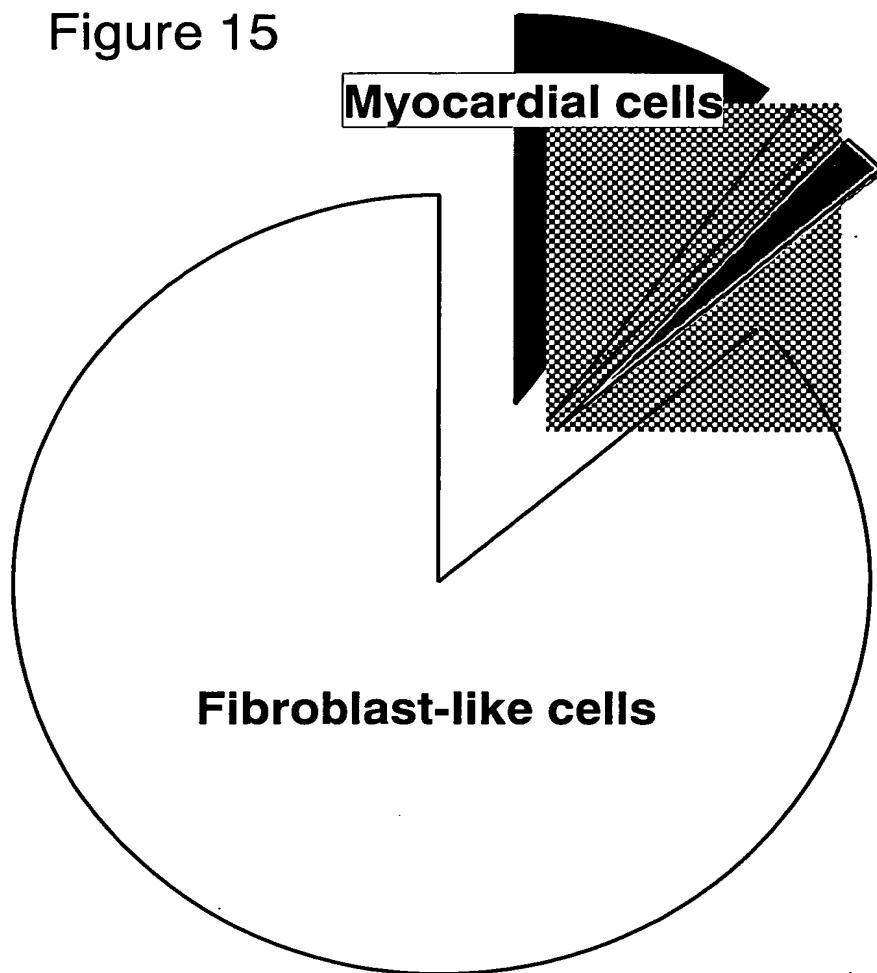


Figure 15



- Myocardial cells
- ▨ Smooth muscle cells
- Vascular endothelial cells
- Fibroblast-like cells

Figure 16

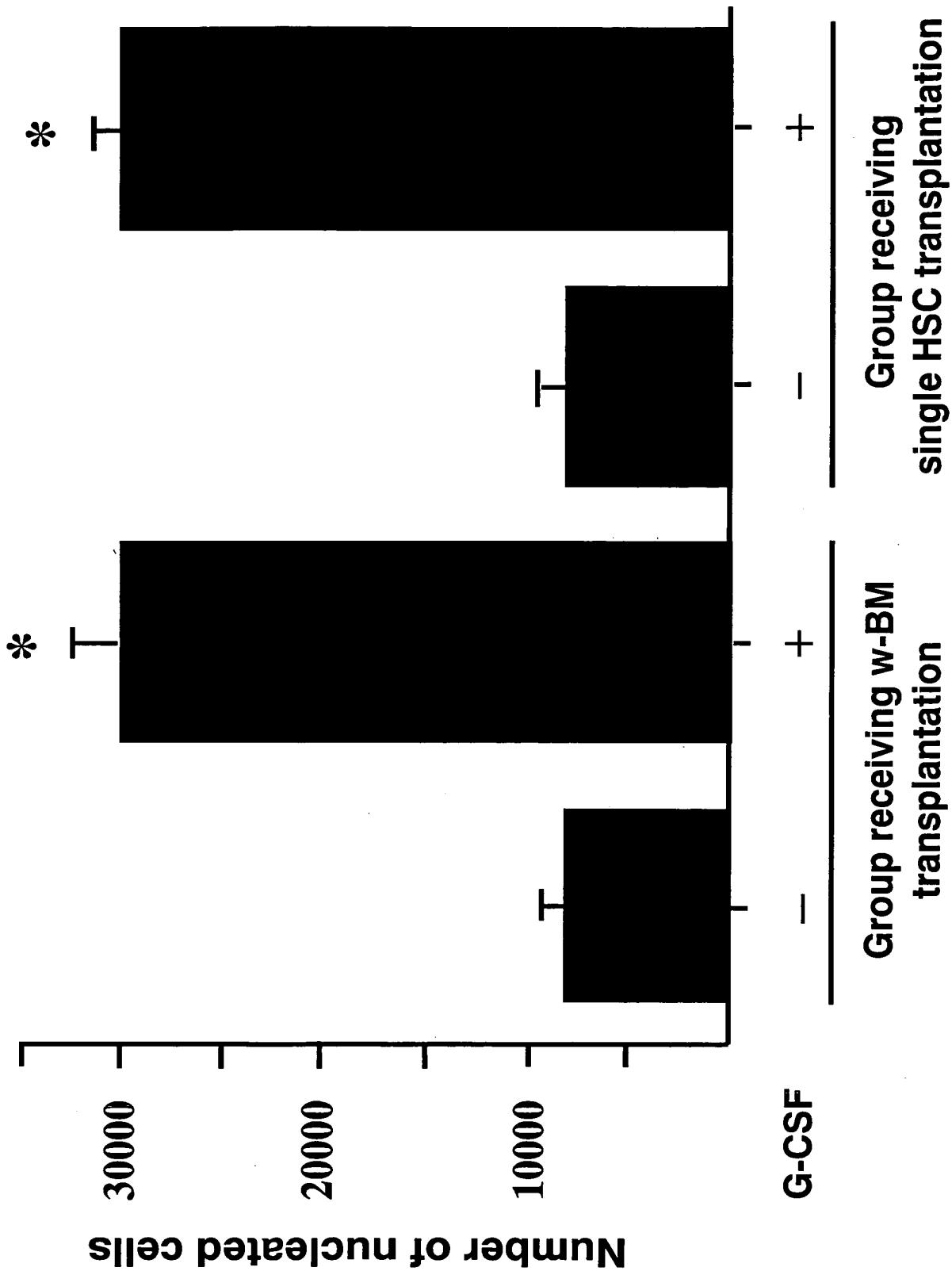


Figure 17

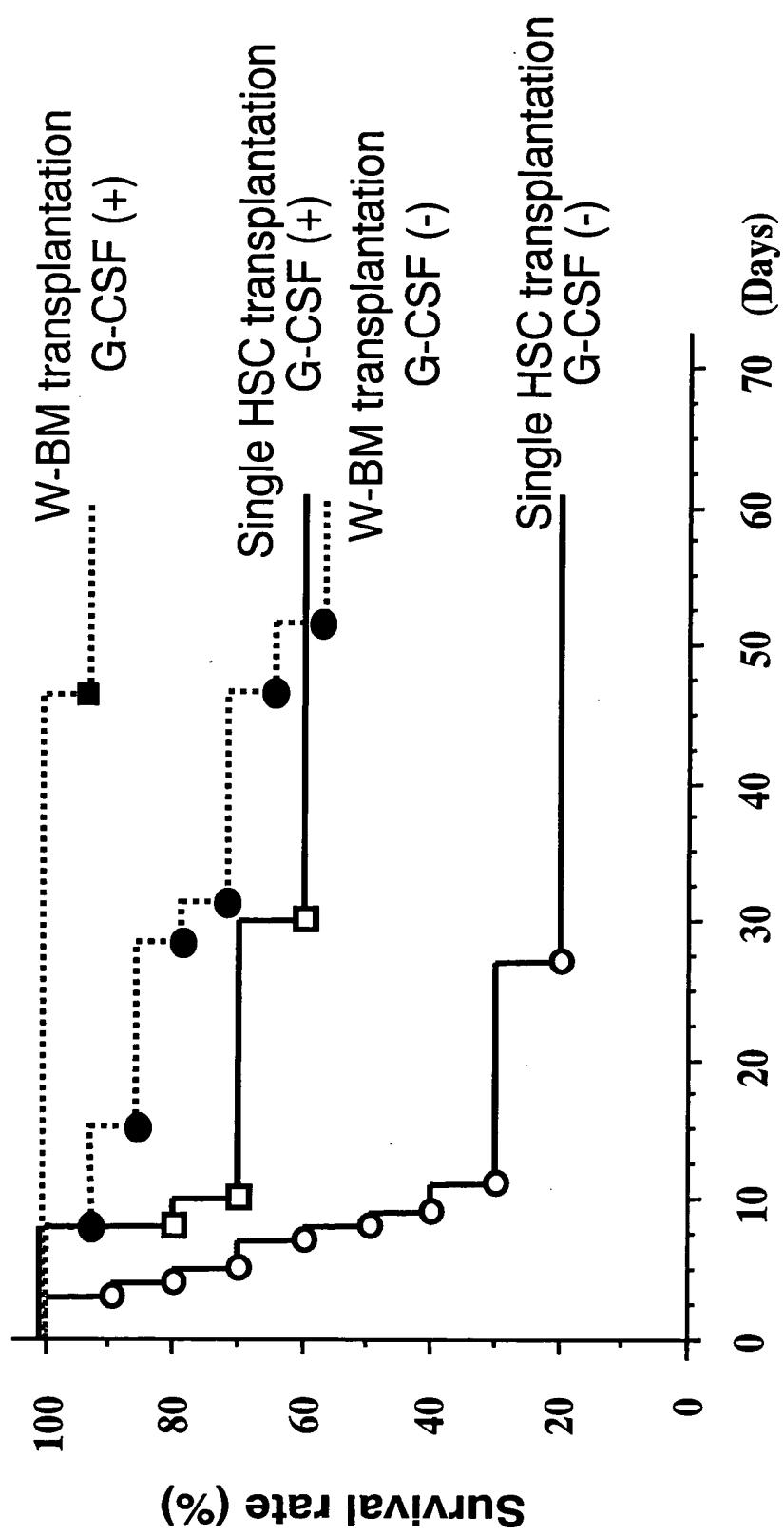
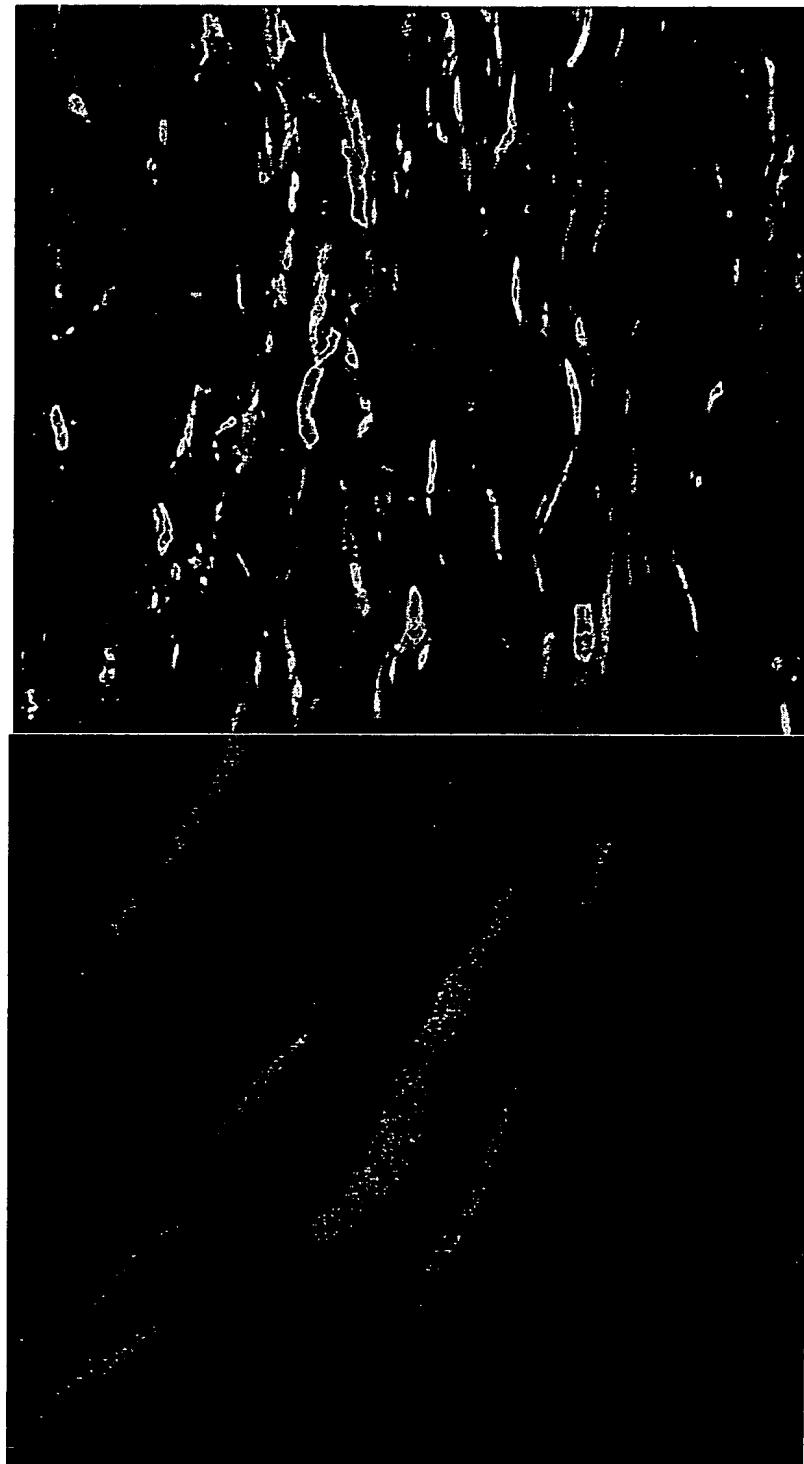


Figure 18



Green: GFP
Red: Anti-vimentin antibody
Blue: DAPI

Figure 19

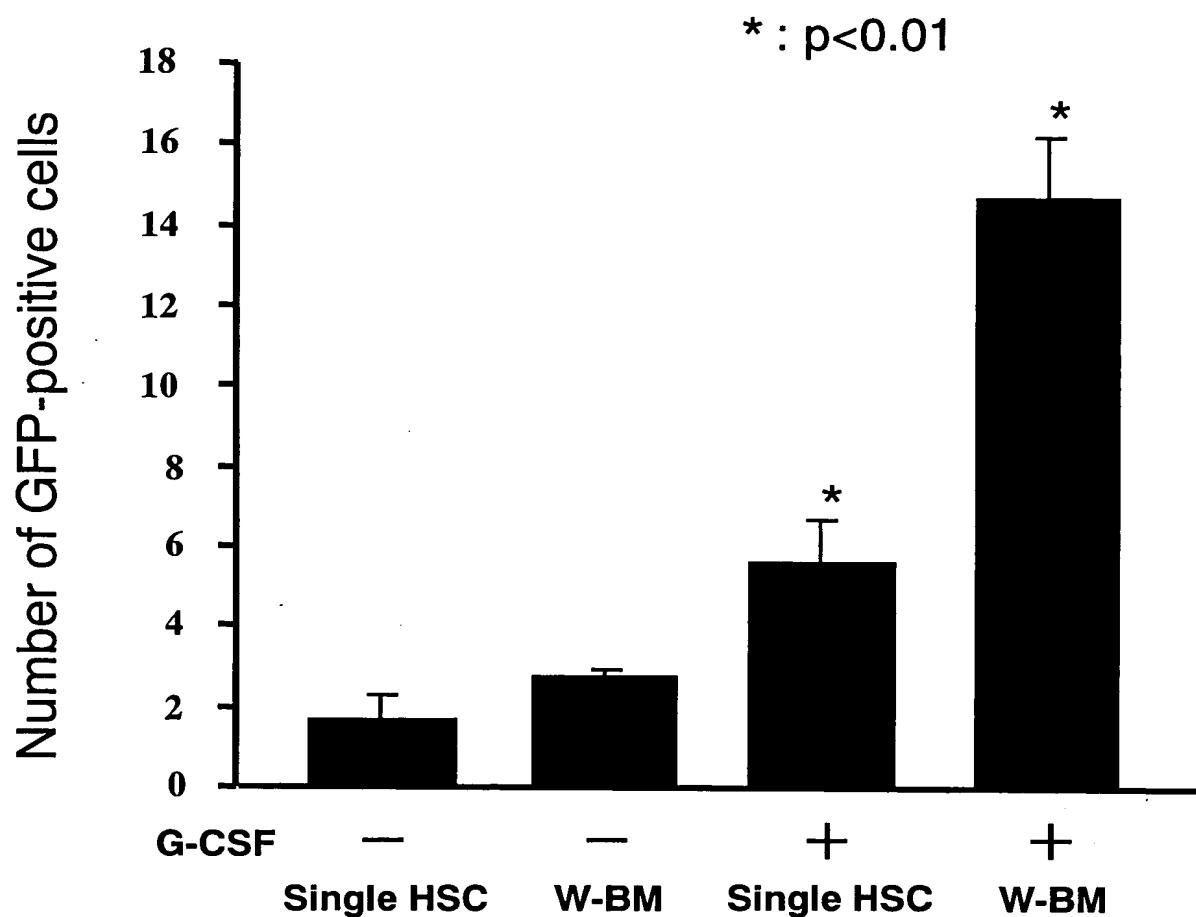
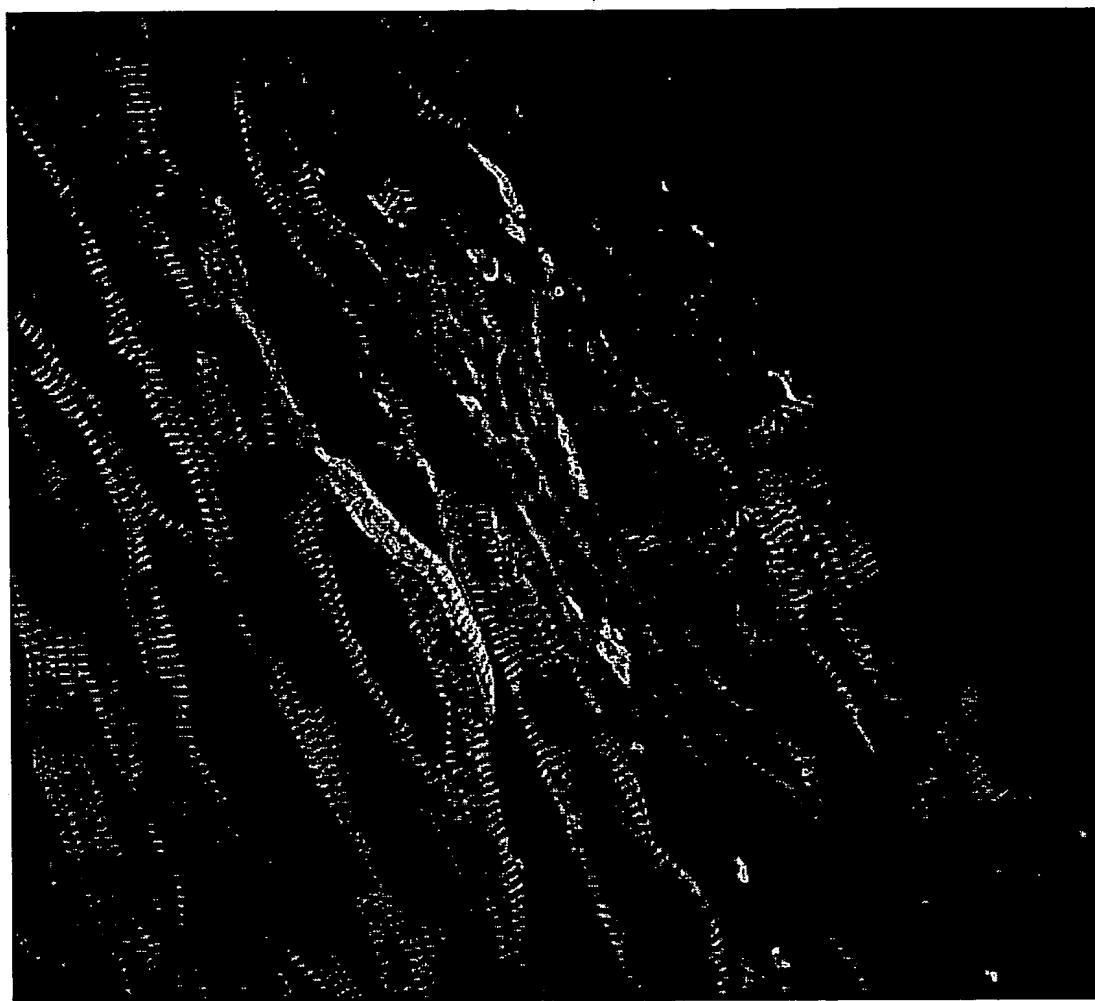


Figure 20



Green: GFP
Red: Anti-myocardial actinin antibody
Blue: DAPI

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